

Evolution® X3 Satellite Router

High-speed, high-efficiency IP broadband connectivity for enterprise networks

The Evolution® X3 Satellite Router is a satellite router featuring iDirect's highly efficient implementation of the DVB-S2 standard. The Evolution® X3 Satellite Router is ideally suited for broadband requirements such as Internet and VPN access to enterprise networks, as well as real-time VoIP and video conferencing.

Highlights

- Star topology
- DVB-S2/ACM outbound for greater efficiency and enhanced network availability
- Deterministic MF-TDMA return channel
- Automatic end-to-end Uplink Power Control for reduced downtime
- Optional AES 256-bit encryption
- Ethernet interface
- Low cost of entry

Overview

With DVB-S2 and Adaptive Coding and Modulation (ACM) on the outbound and deterministic TDMA on the return, the Evolution X3 Satellite Router maximizes the efficiency of satellite capacity to enable new opportunities for star topology networking. The Evolution X3 Satellite Router is an integrated satellite modem and IP router supporting a wide range of carrier IP data rates, FEC codes and modulation types.



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